

Position	Bytes	Use
0-7	8	Identification String (“ADR_SEQ” or “ADR-SEQ”)
8	1	Major Revision (1)
9	1	Minor Revision (4)
10-11	2	Extended Track Table Offset (17192)
12-15	4	Reserved
16-275	260	Partition List
276-279	4	Default Column Width CFG Partition
280-283	4	Default Column Width Data Partition
284-287	4	Default Column Width QFA Partition
288-289	2	Cartridge Data: Cartridge Code
290-295	6	Cartridge Data: Manufacturer Code
296-303	8	Cartridge Data: Serial Number
304-511	208	Reserved
512-17191	16680	Track Table
17192-17271	80	Extended Track Table
17272-17735	464	Reserved
17736-21847	4112	File Mark Table Data Partition
21848-25959	4112	File Mark Table QFA Partition
25960-32767	6808	Reserved

Header Frame Data Structure

Position	Bytes	Use
0	1	Partition Number
1	1	Partition Description Version (1=Linux)
2-3	2	Write Pass Counter
4-7	4	First Frame Physical Position
8-11	4	Last Frame Physical Position
12-15	4	EOD Frame Physical Position

Partition Description

Position	Bytes	Use
0	1	Number of Streaming Partitions (2 max)
1	1	Reserved
2	1	Extended Track Table Entry Size (32)
3-15	13	Reserved
16-79	64	Extended Track Table Entries

Extended Track Table

Position	Bytes	Use
0	1	Extended Track Table Partition Number
1	1	Res Res Res Res Res Res Res FMT
2-3	2	Data File Mark Table Offset
4-7	4	Reserved
8-15	8	Last Host Logical Block Address
16-19	4	Last Physical Position
20-31	12	Reserved

Extended Track Table Entry

Position	Bytes	Use
0	1	Partition Number (0)
2	1	Reserved
3	1	File Mark Table Entry Size (4)
4	1	Reserved
4-5	2	File Mark Table Entry Count (1024 max)
6-15	2	Reserved
16-4111	4096	File Mark Table Entries

File Mark Table

Position	Bytes	Use
0-3	4	File Mark Physical Position

Position	Bytes	Use
0-3	4	Format Identifier (0x00000000)
4-7	4	Application Signature ("LIN3" or "LIN4")
8-11	4	Physical Coordinate
12-15	4	Update Frame Counter (UFC)
16-17	2	Frame Type
18-19	2	Reserved
20-35	16	Partition Description
36-43	8	Reserved
34-47	4	Frame Sequence Number (FSN)
48-55	8	Logical Frame Address (LFA)
56-187	132	Data Access Table (DAT)
188-191	4	Reserved
192-195	4	File Mark Count (FMC)
196-199	4	0xFFFFFFFF
200-203	4	Last Mark Physical Position (LFM PP)
204-223	20	Reserved
224-255	28	Driver Unique
256-511	256	Reserved

AUX Data Structure

Position	Bytes	Use
0	1	Data Access Table Entry Size (8)
1	1	Reserved
2	1	Data Access Table Entry Count (DEC)
3	1	Reserved
4-131	128	Data Access Table Entries

Data Access Table

Position	Bytes	Use
0-3	4	Logical Block Size (LBS)
4-5	2	Number of Logical Elements (NLE)
6	1	Data Access Table Entry Flags
7	1	Reserved

Data Access Table Entry

Position	Bytes	Use
0-7	8	Identification String (“ADR_SEQ” or “ADR-SEQ”)
8	1	Major Revision (1)
9	1	Minor Revision (4)
10-11	2	Extended Track Table Offset (17192)
12-15	4	Reserved
16-275	260	Partition List
276-279	4	Default Column Width CFG Partition (20)
280-283	4	Default Column Width Data Partition (1500)
284-287	4	Default Column Width QFA Partition (0)
288-289	2	Cartridge Data: Cartridge Code
290-295	6	Cartridge Data: Manufacturer Code
296-303	8	Cartridge Data: Serial Number
304-511	208	Reserved
512-17191	16680	Track Table (0x00)
17192-17271	80	Extended Track Table
17272-17735	464	Reserved
17736-21847	4112	Data File Mark Table
21848-25959	4112	QFA File Mark Table (0x00)
25960-32767	6808	Reserved

Header Frame Data Structure

Position	Bytes	Use
0	1	0x01 (Number of Partitions)
1-3	3	0x00 (reserved)
4	1	0x00 (Partition Number of data partition)
5	1	0x01 (Linux)
6-7	2	(Write Pass Counter of data partition)
8-11	4	(First Physical Position of data partition)
12-15	4	(Last Physical Position of data partition)
16-19	4	(EOD Physical Position of data partition)
20-259	240	0x00 filled (reserved for additional Partition Descriptions)

Partition List Structure example for Data Partition

Position	Bytes	Use
0	1	Number of Streaming Partitions (1)
1	1	Reserved
2	1	Extended Track Table Entry Size (32)
3-15	13	Reserved
16-79	64	Extended Track Table Entries

Extended Track Table

Position	Bytes	Use
0	1	Extended Track Table Partition Number
1	1	Res Res Res Res Res Res Res FMT (1)
2-3	2	Data File Mark Table Offset (0x4328=17736)
4-7	4	Reserved
8-15	8	Last Host Logical Block Address
16-19	4	Last Physical Position
20-31	12	Reserved

Extended Track Table Entry 0

Position	Bytes	Use
224-227	4	Next Mark Physical Position [LIN3] (NFM PP) or 0x00000000 [LIN4]
228-255	28	Reserved

AUX Driver Unique

Notes:

1. No Config or QFA partitions, only DATA partition
2. No Track Table